

# Work Order ID 69144

Tuesday, May 03, 2011 11:29:37 AM



*Ship May 18th*

Page 1

Item ID: D350-607-541

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 5/3/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/18/2011 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan: *MF*

Date: *11-05-03*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-607-3	A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-541 CHG002

*11/5/18* *for BG*  
*11-5-10*  
*(Label only)*

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

\*\*\*\*Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label\*\*\*\*

*11/5/10*

115

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

\*\*\*Inspect label on lid\*\*\*

*11.05.18*

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 69144

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Item ID: D350-607-541

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 5/3/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/18/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 	QC4- 100% Inspect kits for completeness	0.00	SA	0115118					
QC Quality Control	Memo	0.00							
130 	<del>Pack Kit</del>	0.00	Reva			11/5/10			sf
Packaging Packaging	Memo Package as per PPPD350-607-541	0.00							
140 	QC21- Final Inspection - Work Order Release	0.00						11/5/18	J
QC Quality Control	Memo	0.00							

11-05-18  
@

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, May 03, 2011 11:29:32 AM

Page 1

Work Order ID: 69144

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket






Start Date: 5/3/2011

Required Date: 5/18/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B  
11.02.09 add to install label DD verf by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-607-511  Quick Release Basket Mounting Installation		Manufactured	No			110	Each	0.0000	1	1			
D2690-6  Lanyard Assembly		Manufactured	No			110	Each	24.0000	1	1			
<div> <div>Location</div> <div>ST020</div> <div>66509</div> <div>66873</div> </div> <div> <div>Loc Qty</div> <div>24</div> <div>4</div> <div>20</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>													
D3912-041  Eyebolt Receiver Assembly		Manufactured	No			110	Each	0.0000	1	1			
D4030-041  Long Basket Assembly (350)		Manufactured	No			110	Each	0.0000	1	1			
D4085-3  Placard, Instructions		Manufactured	No			110	Each	9.0000	1	1			
<div> <div>Location</div> <div>ST122</div> <div>67649</div> </div> <div> <div>Loc Qty</div> <div>9</div> <div>9</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>													

B67346

B68382

69139

11/5/10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 2

Work Order ID: 69144

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 5/3/2011

Required Date: 5/18/2011

Start Qty: 1.00

Required Qty: 1.00

D4086-200



Placard, Max Load

Manufactured No

*SMALL FAB*

110

Each

8.0000

1



*[Signature]*

Location

Loc Qty

Loc Code

ST122

8

*66276*

8

D4151-041



Basket Fwd Hardpoint Assembly, Lower

Manufactured No

110

Each

5.0000

1



*[Signature]*

Location

Loc Qty

Loc Code

ST134

5

*68575*

5

D4151-043



Basket Fwd Hardpoint Assembly, Upper

Manufactured No

110

Each

1.0000

1



*[Signature]*

Location

Loc Qty

Loc Code

ST134

1

*67657*

1

D4150-041



Attachment Arm Assembly

Manufactured No

110

Each

0.0000

1



*[Signature]*

AN4-13A



Bolt

Purchased No

110

Each

285.0000

6



*[Signature]*

Location

Loc Qty

Loc Code

ST357

285

117313

285

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Work Order ID: 69144

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 5/3/2011

Required Date: 5/18/2011

Start Qty: 1.00

Required Qty: 1.00

AN4C15

Purchased

No

110

Each

5.0000

1

1



BOLT

Location

Loc Qty

Loc Code

ST358

5

114669

5

110

Each

68.0000

1

AN310C4

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST324

68

116741

18

117395

50

110

Each

37.0000

1

MS17984-C413

Purchased

No



PIN, QUICK RELEASE

Location

Loc Qty

Loc Code

ST315

37

114340

2

117343

15

117557

20

110

Each

4,740.000

6

MS21042L4

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST300

4740

116823

1740

117441

3000

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Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

Tuesday, May 03, 2011 11:29:33 AM

Page 4

Work Order ID: 69144

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 5/3/2011

Required Date: 5/18/2011

Start Qty: 1.00

Required Qty: 1.00

MS24665-151

Purchased

No

110

Each

495.0000

1

1



Cotter Pin

Location

Loc Qty

Loc Code

ST309

495

17566

495

110

Each

556.0000

2

2

NAS1515H4L

Purchased

No



WASHER

Location

Loc Qty

Loc Code

FG

40

103691

40

ST266

20

114265

20

ST277

496

117363

496

110

Each

656.0000

12

12

NAS1149F0432P

Purchased

No



Washer

Location

Loc Qty

Loc Code

ST275

656

117291

656

110

Each

155.0000

3

3

NAS1149C0463R

Purchased

No



Washer

Location

Loc Qty

Loc Code

FP-B

132

115358

132

ST297

23

116900

23

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Page 4

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

# REFERENCE ONLY

DART AEROSPACE LTD.

D350-607-3

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## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A

Date: 10.06.28

